

APC MAY 85

## PROGRAMS

## Micro Type

by G Browell

As a VZ-200 addict, and in response to the plaintive plea of S Hobson (Basic Understanding APC February 1985), the following program is submitted to make him happy and for all VeeZedders seeking a Basic word processor...

PS If S Hobson's idea is taken to

extreme one could write a REM for just about every line — Hobson's Choice?!

NOTE: Use inverse for commas, colons and semi-colons. Use inverse for upper case. Use a blank graphic (Shift Z) to indent the first line of a paragraph. Scroll

before Editing and before committing to printer. Should the program 'Break' just type GOTO80 <RETURN>.

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0 *****
1 * AD LIB VEEZED MICRO CLUB *
2 * <MICRO TYPE> PROGRAM *
3 * FOR VZ-200 AND GP-100 *
4 * GORDON BROWELL MAY 84 *
5 *****

10 CLS: CLEAR5000: PRINT@235, "*****": SOUND16, 6

11 ***ESTIMATE NUMBER OF LINES***
12 PRINT@235, "LINES "; L=0: X=0: INPUT L: DIM Z$(L)
15 PRINT@299, "1. [BLANK]": PRINT@331, "2. [BLANK]"
16 PRINT@400, " "; INPUT R: IFR=2 THEN 510
30 FOR J=1 TO L: CLS: PRINT@3, "LINE" J; "OF" L

39 ***TYPING GUIDE***
40 PRINT@34, "*****"
50 PRINT@128, "*****": SOUND22, 1

59 ***PRINT PREVIOUS LINE***
60 PRINT@162, "LINE" J-1: PRINT@226, Z$(J-1)

69 ***ENTER TEXT***
70 PRINT@32, " "; INPUT Z$(J): NEXT J: CLS

79 ***MENU***
80 CLS: A$=INKEY$: A$=""
81 PRINT@40, "EDIT" J-1: PRINT@104, "SCROLL"
82 PRINT@116, "EDIT": PRINT@168, "PRINT"
83 PRINT@232, "FILE": PRINT@296, "RETRIEVE": PRINT@360, "EXIT"
85 PRINT@421, "*****" X
90 A$=INKEY$: IFA$="" THEN 90
91 A$=INKEY$: IFA$="" THEN 90
92 IFA$="S" THEN 600
93 IFA$="E" THEN 200
94 IFA$="P" THEN 100
95 IFA$="F" THEN 400
96 IFA$="R" THEN 500
97 IFA$="X" THEN RUN

99 ***LPRINT TEXT***
100 CLS: FOR J=1 TO L: GOSUB 300: NEXT J: GOTO 80

199 ***EDIT***
200 CLS: PRINT@40, "EDIT": SOUND14, 3: PRINT@45, "LINE" J: INPUT C: X=C
210 IFC>L THEN 200
220 PRINT@66, Z$(C)
230 PRINT " "; INPUT D$
231 IFD$="" THEN 80
232 Q=LEN(D$): S=LEN(Z$(C))
233 PRINT " "; INPUT R$
234 FOR Z=1 TO S
235 IF MID$(Z$(C), Z, Q)=D$ THEN 239
236 NEXT
237 PRINT D$: PRINT "*****"
238 SOUND0, 9: GOTO 80
239 E=Z-1+LEN(D$)
240 N$=LEFT$(Z$(C), Z-1)+R$+RIGHT$(Z$(C), LEN(Z$(C))-E)
241 Z$(C)=N$: GOTO 80

299 ***ASCII CONVERSION FOR UPPER\LOWER CASE***
300 FOR I=1 TO LEN(Z$(J))
305 IF Z$(J)=" " THEN Z$(J)=" " (SHIFT Z)
310 A=ASC(RIGHT$(LEFT$(Z$(J), I), 1))

```



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```
320 IFA>=64ANDK<=95THENA=A+32
330 IFA>=192ANDK<=223THENA=A-128
340 IFA>=224ANDK<=255THENA=A-192
350 LPRINTCHR*(A):NEXT
360 LPRINT
370 RETURN
```

```
399 '***FILE TO TAPE***
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```
400 CLS:PRINT@68,"TAPE FILE":SOUND16,2:PRINT@235,"[RECORDING]"
410 SOUND22,9:CLS
420 FORJ=1TOL
421 PRINT#"",Z*(J)
422 PRINT"LINE"J
423 SOUND30,1
430 NEXT
440 CLS:PRINT@235,"STOP TAPE":SOUND24,9:CLS:GOTO80
```

```
499 '***RETRIEVE FROM TAPE***
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```
500 CLS:PRINT@226,"RETRIEVE":SOUND22,6:PRINT@290,"LINES":INPUTL
510 SOUND24,5:CLS
520 FORJ=1TOL
530 INPUT#"",Z*(J):PRINT@464,J
540 PRINTZ*(J)
550 NEXT
560 PRINT"END OF TAPE":SOUND26,9
570 CLS:GOTO80
```

```
599 '***SCROLL FOR TEXT REVIEW***
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```
600 CLS:FORJ=1TOL:PRINTJ:PRINTZ*(J)
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```
609 '***CONTROL SCROLLING SPEED***
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610 FORT=1T01000:NEXT:FORT=1T02000:NEXT:NEXT:GOTO80
```